



west virginia department of environmental protection

Division of Air Quality
601 57th Street SE
Charleston, WV 25304
Phone: (304) 926-0475 • FAX: (304) 926-0479

Jim Justice, Governor
Austin Caperton, Cabinet Secretary
www.dep.wv.gov

January 20, 2017

CERTIFIED MAIL

91 7199 9991 7035 6610 3719

John Wilkinson, Vice President
21071 Midland Trail
Lewisburg, WV 24901

RE: Appalachian Aggregates, LLC
Beckley Plant
Permit Application No. G40-C013D
Plant ID No. 081-00023

Dear Mr. Wilkinson:

Your application for a permit as required by Section 5 of 45CSR13 - "Permits for Construction, Modification, Relocation and Operation of Stationary Sources of Air Pollutants, Notification Requirements, Temporary Permit, General Permit, and Procedures for Evaluation" has been approved. The enclosed permit G40-C013D is hereby issued pursuant to Subsection 5.7 of 45CSR13. Please be aware of the notification requirements in the permit which pertain to commencement of construction, modification, or relocation activities; startup of operations; and suspension of operations.

This permit does not affect 45CSR30 applicability, the source is a nonmajor source subject to 45CSR30.

In accordance with 45CSR30- Operating Permit Program, the permittee shall submit a certified emissions statement and pay fees on an annual basis in accordance with the submittal requirements of the Division of Air Quality. A receipt for the appropriate fee shall be maintained on the premises for which the receipt has been issued, and shall be made immediately available for inspection by the Secretary or his/her duly authorized representative.

Any person whose interest may be affected, including, but not necessarily limited to, the applicant and any person who participated in the public comment process, by a permit issued, modified or denied by the Secretary may appeal such action of the Secretary to the Air Quality Board pursuant to article one [§§22B-1-1 et seq.], Chapter 22B of the Code of West Virginia. West Virginia Code §§22-5-14.

Should you have any questions or comments, please contact me at (304) 926-0499, extension 1212.

Sincerely,

Thornton E. Martin Jr.
Permit Engineer

c: Patrick Ward, Potesta & Associates, Inc.

West Virginia Department of Environmental Protection

*Jim Justice
Governor*

Division of Air Quality

*Austin Caperton
Cabinet Secretary*

Class II General Permit G40-C Registration to Modify



for the
Prevention and Control of Air Pollution in regard to the
Construction, Modification, Relocation,
Administrative Update and Operation of
Nonmetallic Mineral Processing Plants

*The permittee identified at the facility listed below is authorized to
construct the stationary sources of air pollutants identified herein in accordance
with all terms and conditions of General Permit G40-C.*

G40-C013D

Issued to:

Appalachian Aggregates, LLC

Beckley Plant

081-00023

A handwritten signature in blue ink, appearing to read "William F. Durham", is written over a horizontal line.

William F. Durham

Director

Effective: January 20, 2017

This Class II General Permit Registration will supercede and replace G40-C013C

Facility Location: Mt. Hope, Raleigh County, West Virginia
Mailing Address: 21071 Midland Trail, Lewisburg, West Virginia 24901
Facility Description: Non-metallic minerals processing plant
SIC Codes: 1422
NAICS Codes: 212312
UTM Coordinates: 478.014 km Easting • 4190.154 km Northing • Zone 17
Registration Type: Modification
Description of Change: Applicant proposes the addition of one (1) triple deck screen, one (1) high frequency screen, six (6) conveyor belts and three (3) stockpiles.

Subject to 40CFR60 Subpart OOO? Yes
Subject to 40CFR60 Subpart IIII? No
Subject to 40CFR60 Subpart JJJJ? No

Any person whose interest may be affected, including, but not necessarily limited to, the applicant and any person who participated in the public comment process, by a permit or registration issued, modified or denied by the Secretary may appeal such action of the Secretary to the Air Quality Board pursuant to article one [§§ 22B-1-1 et seq.], Chapter 22B of the Code of West Virginia. West Virginia Code §22-5-14.

This permit does not affect 45CSR30 applicability, the source is a nonmajor source subject to 45CSR30.

Unless otherwise stated WVDEP DAQ did not determine whether the registrant is subject to an area source air toxics standard requiring Generally Achievable Control Technology (GACT) promulgated after January 1, 2007 pursuant to 40 CFR 63, including the area source air toxics provisions of 40 CFR 63, Subpart ZZZZ.

All registered facilities under Class II General Permit G40-C are subject to Sections 1.0, 1.1, 2.0, 3.0, and 4.0.

The following sections of Class II General Permit G40-C apply to the registrant:

Section 5	Nonmetallic Mineral Processing Operations	X
Section 6	Standards of Performance for Nonmetallic Mineral Processing Plants that Commenced Construction, Reconstruction or Modification after August 31, 1983 but before April 22, 2008 (40CFR60 Subpart OOO)	X
Section 7	Standards of Performance for Nonmetallic Mineral Processing Plants that Commenced Construction, Reconstruction or Modification on or after April 22, 2008. (40CFR60 Subpart OOO)	X
Section 8	Reciprocating Internal Combustion Engines (R.I.C.E.)	<input type="checkbox"/>
Section 9	Tanks	X
Section 10	Standards of Performance for Stationary Compression Ignition Internal Combustion Engines (40CFR60 Subpart IIII)	<input type="checkbox"/>
Section 11	Standards of Performance for Stationary Spark Ignition Internal Combustion Engines (40CFR60 Subpart JJJJ)	<input type="checkbox"/>

Emission Units

Source ID No.	Emission Unit Description (Make, Model, Serial No.)	Design Capacity		Control Device ¹	Month/Year Constructed, Reconstructed, or Modified
		TPH	TPY		
Equipment					
MP-JC1	Jaw Crusher	450	1,800,000	FW	2014
MP-CC1	Cone Crusher	300	1,800,000	FW	2003
MP-CC2	Cone Crusher	300	1,800,000	FW	2003
MP-VS1	Triple Deck Screen	600	1,800,000	PW	2001
MP-VS2	Triple Deck Screen	600	3,552,000	PW	2001
MP-VS3	Triple Deck Screen	250		PW	2017
WP-VS1	Double Deck Screen	200	600,000	PW	2001
MP-VS4	Double Deck Screen	150	876,000	PW	2017
MP-VGF1	Single Deck Screen	600	1,800,000	PW	2001
Conveyors					
MP-BC1A	Belt Conveyor	200	1,752,000	WS	2001
MP-BC1B	Belt Conveyor	5	15,000	WS	2003
MP-BC1	Belt Conveyor	600	1,800,000	WS	2001
MP-BC2	Belt Conveyor	600	1,800,000	WS	2001
MP-BC3	Belt Conveyor	180	1,576,800	WS	2001
MP-BC3A	Belt Conveyor	180	1,576,800	WS	2001
MP-BC3B	Belt Conveyor	100	876,000	WS	2001
Source ID	Emission Unit Description	Design Capacity		Control Device ¹	Month/Year

No.	(Make, Model, Serial No.)	TPH	TPY		Constructed, Reconstructed, or Modified
MP-BC4	Belt Conveyor	600	3,552,000	WS	2001
MP-BC4A	Belt Conveyor	600	3,552,000	WS	2001
MP-BC5	Belt Conveyor	300	1,752,000	WS	2001
MP-BC6	Belt Conveyor	150	1,314,000	WS	2001
MP-BC7	Belt Conveyor	150	1,314,000	WS	2001
MP-BC8	Belt Conveyor	150	1,314,000	WS	2001
MP-BC9	Belt Conveyor	150	1,314,000	WS	2001
MP-BC9A	Belt Conveyor	150	1,314,000	WS	2003
MP-BC9B	Belt Conveyor	150	1,314,000	WS	2003
MP-BC12	Belt Conveyor	200	1,314,000	WS	2003
MP-BC13	Belt Conveyor	200	1,752,000	WS	2001
MP-BC14	Belt Conveyor	250	600,000	WS	2017
MP-BC15	Belt Conveyor	250	600,000	WS	2017
MP-BC16	Belt Conveyor	250	600,000	WS	2017
MP-BC17	Belt Conveyor	150	876,000	WS	2017
MP-BC18	Belt Conveyor	150	876,000	WS	2017
MP-BC19	Belt Conveyor	150	876,000	WS	2017
WP-BC10	Belt Conveyor	200	600,000	WS	2001
WP-BC11	Belt Conveyor	100	30,000	WS	2001
WP-SCONV1	Screw Conveyor	100	30,000	FE	2001
Storage		Tons	TPY		
MP-H1	Storage Bin	100	1,800,000	WS	2001
MP-BIN1	Storage Bin	25	1,752,000	FW	2001
WP-H2	Storage Bin	50	600,000	FW	2001
WP-BIN1	Storage Bin	200	600,000	WS	2001
Stockpiles		Base Area (Sq. Feet)	TPY		
OS-A	Open Stockpile – stone	7,850	1,800,000	WS	2003
OS-B	Open Stockpile – stone	1,250	1,576,800	WS	2003
OS-C	Open Stockpile – stone	16,000	876,000	WS	2003
OS-D	Open Stockpile – stone	1,250	1,314,000	WS	2003
OS-E	Open Stockpile – stone	1,250	1,314,000	WS	2003
OS-F	Open Stockpile – stone	100,000	251,000	WS	2003
OS-G	Open Stockpile – stone	75,000	251,000	WS	2003
OS-H	Open Stockpile – stone	750	30,000	WS	2003
OS-I	Open Stockpile – stone	4,500	876,000	WS	2003
OS-J	Open Stockpile – stone	6,000	1,752,000	WS	2003
OS-K	Open Stockpile – stone	6,000	75,000	WS	2003
OS-L	Open Stockpile – stone	40,000	125,000	WS	2003
OS-M	Open Stockpile – stone	90,000	275,000	WS	2003
OS-N	Open Stockpile – stone	20,000	70,000	WS	2003
OS-O	Open Stockpile – stone	20,000	85,000	WS	2003
OS-P	Open Stockpile -- stone	20,000	75,000	WS	2003
OS-Q	Open Stockpile -- stone	20,000	462,000	WS	2017
OS-R	Open Stockpile -- stone	20,000	462,000	WS	2017
OS-S	Open Stockpile -- stone	20,000	462,000	WS	2017

¹ FE - Full Enclosure; FW - Full Enclosure w/water spray; PW - Partial Enclosure w/water spray; WS - Water Spray; N - None

Emission Limitations

Emission Source	Maximum Controlled PM Emissions		Maximum Controlled PM ₁₀ Emissions	
	pounds / hour	tons / year	pounds / hour	tons / year
FUGITIVE EMISSIONS				
Stockpiles	0.30	1.32	0.14	0.62
Unpaved Haulroads	93.85	156.49	27.70	46.19
Total Fugitive Emissions	94.16	157.81	27.84	46.81
POINT SOURCE EMISSIONS				
Equipment Emissions	12.59	24.58	4.46	8.73
Transfer Point Emissions	38.14	56.78	18.04	26.85
Total Point Source Emissions	50.73	81.36	22.49	35.58
TOTAL FACILITY EMISSIONS				
Total Facility Emissions	144.89	239.17	50.34	82.39

Engines (Not Applicable)

Source ID	Pollutant	Maximum Hourly Emissions (lb/hr)	Maximum Annual Emissions (tpy)